

CLAIMS

WHAT IS CLAIMED IS:

1. An electronic component mounting apparatus comprising:

a mounting head which picks up an electronic component from an electronic component feeding apparatus for feeding a plurality of electronic components and mounts the electronic component on a print board;

a suction nozzle which is mounted on the mounting head and holds the electronic component;

a memory device storing a parts library data which includes nozzle designation data for designating a plurality of nozzle types as a designated suction nozzle for each of the electronic components; and

a control device for controlling the apparatus such that the designated suction nozzle picks up and mounts the corresponding electronic component based on the parts library data stored in the memory device.

2. An electronic component mounting apparatus comprising:

a mounting head which picks up an electronic component from an electronic component feeding apparatus for feeding a plurality of electronic components and mounts the electronic component on a print board;

a suction nozzle which is mounted on the mounting head and holds the electronic component;

a memory device storing a parts library data which includes nozzle designation data for designating a plurality of nozzle types as a designated suction nozzle for each of the electronic components and corresponding control data for the designated nozzle; and

a control device for controlling the apparatus such that a designated suction nozzle picks up and mounts the corresponding electronic component based on the parts library data stored in the memory device.

3. The electronic component mounting apparatus of claims 1 or 2, wherein the parts library data includes an order of priority for selecting the suction nozzle for a use.

4. The electronic component mounting apparatus of claim 3, further comprising:
a nozzle stocker for storing the suction nozzles;
a memory device storing nozzle positioning data regarding locations of nozzles stored in the nozzle stocker; and
a control device for selecting a suction nozzle according to the priority using the nozzle positioning data and the part library data.

5. The electronic component mounting apparatus of claims 1 or 4, wherein the parts library data includes data for determining validity of the designation of the nozzle type.

6. The electronic component mounting apparatus of claim 2, wherein the control data includes data regarding velocities of transportation of the suction nozzle.